

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025091**Date Inspected:** 11-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** **Yes No N/A****Rod Oven in Use:****Yes No N/A****Electrode to specification:** **Yes No N/A****Weld Procedures Followed:****Yes No N/A****Qualified Welders:** **Yes No N/A****Verified Joint Fit-up:****Yes No N/A****Approved Drawings:** **Yes No N/A****Approved WPS:****Yes No N/A****Delayed / Cancelled:****Yes No N/A****Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector, Mike Hasler was present during the times noted above for observations and testing relative to the work being performed.

Trial Assembly

UT Inspection

This Caltrans QA inspector received ZPMC non-destructive test (NDT) NWIT #09435 Item 1 for Trial Assembly OBG segment 13AW. This QA Inspector performed verification Ultrasonic Testing (UT) inspection after ZPMC had performed their UT inspection of the following locations;

Item 1; SEG3013H- 126, 146, 127, SEG3013F-127, 139, SEG3013K-134, SEG3013AH-070, 071, 119

This Caltrans QA inspector received ZPMC non-destructive test (NDT) NWIT #09440 Item 1 for Trial Assembly OBG segment 13AE. This QA Inspector performed verification Ultrasonic Testing (UT) inspection after ZPMC had performed their UT inspection of the following locations;

Item 1; SEG3007B-100, 102, 104

This Caltrans QA inspector received ZPMC non-destructive test (NDT) NWIT #09442 Item 2 for Trial Assembly OBG segment 13AW. This QA Inspector performed verification Ultrasonic Testing (UT) inspection after ZPMC had performed their UT inspection of the following locations;

---

## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

Item 2; SEG3013B-184, 155, 161, 167, 173

At the time of the verification it was noted that the above component appeared to be within compliance of the contract documents. See Caltrans Ultrasonic Test Report (TL6027), dated 06-11-2011 for additional information.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

### Summary of Conversations:

“As noted within the contents of this report.”

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact James Devey 15000026784, who represents the Office of Structural Materials for your project.

---

<b>Inspected By:</b>	Hasler, Mike	Quality Assurance Inspector
<b>Reviewed By:</b>	Riley, Ken	QA Reviewer

---